

Product datasheet for **TP726793**

Junctional Adhesion Molecule 2 (JAM2) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Junctional Adhesion Molecule B/JAM-B/CD322 (C-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Phe29-Asn236
Tag:	C-His
Buffer:	Lyophilized from a 0.2 um filtered solution of 20mM Tris-HCl,150mM NaCl,pH8.0.
Note:	Recombinant Human Junctional Adhesion Molecule B is produced by our Mammalian expression system and the target gene encoding Phe29-Asn236 is expressed with a 6His tag at the C-terminus.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	12 months from date of despatch
Locus ID:	58494
UniProt ID:	P57087
Synonyms:	Junctional Adhesion Molecule B; JAM-B; Junctional Adhesion Molecule 2; JAM-2; Vascular Endothelial Junction-Associated Molecule; VE-JAM; CD322; JAM2; C21orf43; VEJAM
Summary:	Junctional Adhesion Molecule B (JAM-B) is a single-pass type I membrane protein that belongs to the junctional adhesion molecules family. JAM-B includes a signal sequence (aa 1-28), an extracellular region (aa 29-238) with one Ig-like C2-type domain and one Ig-like V-type domain, a transmembrane segment (aa 239-259), and a cytoplasmic domain (aa 260 - 298). JAMB is localized to the tight junctions between endothelial cells or epithelial cells. JAM-B is prominently expressed in the heart, placenta, lung, foreskin and lymph node. It is also present on the endothelia of other vessels. JAM-B acts as an adhesive ligand for interacting with a variety of immune cell types and may play a role in lymphocyte homing to secondary lymphoid organs.
Protein Families:	Druggable Genome, Transmembrane



[View online »](#)

Protein Pathways: Cell adhesion molecules (CAMs), Epithelial cell signaling in Helicobacter pylori infection, Leukocyte transendothelial migration, Tight junction